



**Submission Data for 2020-2021 CORE conference Ranking process
Pacific Conference on Computer Graphics and Applications**

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Conference Details

Conference

Title: Pacific Conference on Computer Graphics and Applications
Acronym : PG
Rank: A

Requested Rank

Rank: A

Recent Years

Proceedings Publishing Style

Proceedings Publishing: journal

Link to most recent proceedings: <https://onlinelibrary.wiley.com/toc/14678659/2020/39/7>

Further details: 1. The proceedings for full papers of Pacific Graphics (PG) are published as a special issue of Computer Graphics Forum, which is the same case as Eurographics*. *Eurographics is combined with EuroVis since 2019. Before 2018, Eurographics was always ranked as A in CORE conference ranking.

2. There is a DBLP link for PG. It can be seen that only the collections of the PG short papers, posters and Work-In-Progress papers are included in a separate collection on EG library. The full papers are all included in an issue of CGF.

3. Because the full paper proceedings are counted as one issue of the journal CGF, in "Where People Publish" results, we only use refer to the journal results of CGF as the metric for PG.

Most Recent Years

Most Recent Year

Year: 2019

URL: <http://pg19.org>

Location: Seoul, Korea

Papers submitted: 222

Papers published: 74

Acceptance rate: 33

Source for numbers: <https://onlinelibrary.wiley.com/doi/10.1111/cgf.13880>

General Chairs

Name: Michiel van de Panne Affiliation: University of British Columbia, Canada Gender: M H Index: 44 G Scholar url: https://scholar.google.com/citations?hl=en&user=lJwPbcUAAAAJ DBLP url: https://dblp.org/pid/61/783.html
Name: Carol O'Sullivan Affiliation: Trinity College Dublin, Ireland Gender: F H Index: 37 G Scholar url: https://scholar.google.com/citations?hl=en&user=Vn0vdegAAAAJ DBLP url: https://dblp.org/pid/82/1388.html
Name: JungHyun Han Affiliation: Gwangju Institute of Science and Technology, Korea Gender: M H Index: 7 G Scholar url: https://scholar.google.com/citations?hl=en&user=rt8lPMwAAAAJ DBLP url: https://dblp.org/pid/89/5575.html

Program Chairs

Name: Christian Theobalt Affiliation: Max Planck Institute for Informatics, Germany Gender: M H Index: 74 G Scholar url: https://scholar.google.com/citations?user=eIWg8NMAAAAJ&hl=en DBLP url: https://dblp.org/pid/55/3346.html
Name: Gordon Wetzstein Affiliation: MIT, USA Gender: M H Index: 47 G Scholar url: https://scholar.google.com/citations?hl=en&user=V0f45S0AAAAJ DBLP url: https://dblp.org/pid/13/4660.html
Name: Jehee Lee Affiliation: Seoul National University, Korea Gender: SELECT H Index: 32 G Scholar url: https://scholar.google.com/citations?user=YHlvUsAAAAAJ&hl=en DBLP url: https://dblp.org/pid/90/6119.html

Second Most Recent Year

Year: 2018
URL: <https://sweb.cityu.edu.hk/pg2018/>
Location: Hong Kong
Papers submitted: 195
Papers published: 42
Acceptance rate: 22
Source for numbers: <https://onlinelibrary.wiley.com/doi/epdf/10.1111/cgf.13584>

General Chairs

Name: Hans?Peter Seidel Affiliation: Max?Planck?Institut f?r Informatik, Germany Gender: M H Index: 109 G Scholar url: https://scholar.google.com/citations?hl=en&user=s2Ibok8AAAAJ DBLP url: https://dblp.org/pid/s/HansPeterSeidel.html
Name: Alla Sheffer Affiliation: University of British Columbia, Canada Gender: F H Index: 52 G Scholar url: https://scholar.google.com/citations?hl=en&user=IgkGxLsAAAAJ DBLP url: https://dblp.org/pid/65/3735.html
Name: Hujun Bao Affiliation: Zhejiang University Gender: M H Index: G Scholar url: DBLP url: https://dblp.org/pid/b/HujunBao.html
Name: Horace Ho-Shing Ip Affiliation: City University of Hong Kong, Hong Kong Gender: M H Index: 37 G Scholar url: https://scholar.google.com/citations?user=RkGFFUkAAAAJ DBLP url: https://dblp.org/pid/13/4719.html

Program Chairs

Name: Johannes Kopf Affiliation: Facebook Research, USA Gender: M H Index: 36 G Scholar url: https://scholar.google.com/citations?hl=en&user=E42NyKUAAAAJ DBLP url: https://dblp.org/pid/36/2170.html
Name: Hongbo Fu Affiliation: City University of Hong Kong, Hong Kong Gender: M H Index: 29 G Scholar url: https://scholar.google.com/citations?hl=en&user=S7D5ygcAAAAJ DBLP url: https://dblp.org/pid/19/5752.html
Name: Abhijeet Ghosh Affiliation: Imperial College London, UK Gender: M H Index: 24 G Scholar url: https://scholar.google.com/citations?hl=en&user=EG_UZvwAAAAJ DBLP url: https://dblp.org/pid/54/2868.html

Third Most Recent Year

Year: 2017
URL: <http://www.siggraph.org.tw/pg2017/>
Location: Taipei, Taiwan
Papers submitted: 98
Papers published: 22
Acceptance rate: 22
Source for numbers: <https://onlinelibrary.wiley.com/doi/10.1111/cgf.13289>

General Chairs

Name: Leif Kobbelt Affiliation: RWTH Aachen University, Germany Gender: M H Index: 74 G Scholar url: https://scholar.google.com/citations?hl=en&user=eCsqoJgAAAAJ DBLP url: https://dblp.org/pid/k/LeifKobbelt.html
Name: Jung-Hong Chuang Affiliation: National Chiao Tung University Gender: M H Index: G Scholar url: DBLP url: https://dblp.org/pid/73/1852.html
Name: Bing?Yu Chen Affiliation: National Taiwan University, Taiwan Gender: M H Index: 36 G Scholar url: https://scholar.google.com/citations?user=8UC5dY4AAAAJ&hl=en&oi=ao DBLP url: https://dblp.org/pid/72/6720.html

Program Chairs

Name: Olga Sorkine-Hornung Affiliation: ETH Zurich, Switzerland Gender: F H Index: 57 G Scholar url: https://scholar.google.co.nz/citations?user=GBU568oAAAAJ&hl=en&oi=ao DBLP url: https://dblp.org/pid/s/OlgaSorkine.html
Name: Jernej Barbic Affiliation: University of Southern California, USA Gender: M H Index: 24 G Scholar url: https://scholar.google.co.nz/citations?hl=en&user=aP4IPIEAAAAJ DBLP url: https://dblp.org/pid/75/2016.html
Name: Wen-Chieh Lin Affiliation: National Chiao Tung University Gender: M H Index: 19 G Scholar url: https://scholar.google.com/citations?user=v3l_oYkAAAAJ&hl=en DBLP url: https://dblp.org/pid/43/6790.html

Policies

Chair Selection: The general chairs and program chairs for each year's Pacific Graphics (PG) are selected by the steering committee of PG and Asia Graphics association. The steering committee of PG and Asia Graphics decide the hosting location of the PG based on the list of the candidates. The following policies are followed when nominating the conference chairs and programme chairs:

1. Conference chairs are elected based on the agreement from the steering committee of PG and Asia Graphics.
2. Three conference chairs are elected while considering distributions across regions (Asia-Pacific, America, and Europe).
3. Conference chairs nominate candidates of the programme chairs, representing core areas of computer graphics (imaging and visualisation, geometry and modelling, and simulation and animation) as well as variety of regions (Asia-Pacific, America, and Europe), and steering committee confirmed the chairs.
4. There needs to be one program chair and one conference chair representing the host location.

No Policies.

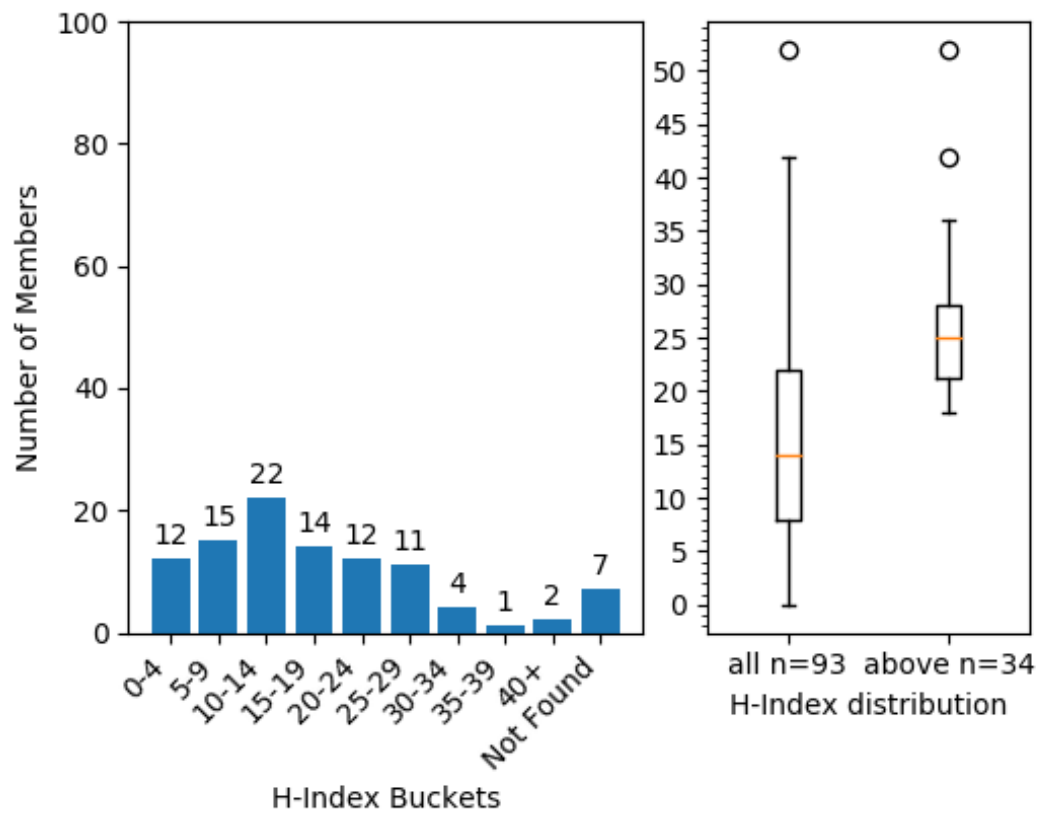
(Senior) Program Committee

Link to (s)pc: https://pg2020.org/?page_id=335#conference-leadership

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/PC_PG2020_fQ3RL86.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/higherrank_hindex_buckets_947.png

Information Contained within this graph is derived using the Elsevier Scopus Database 2021.



Data and Metrics

Google Scholar Metrics

Sub-category url: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_computergraphics

Position in sub-category: 3

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank947_gscholar_minh5.png

1.	ACM Transactions on Graphics (TOG)	<u>85</u>	145
2.	IEEE Transactions on Visualization and Computer Graphics	<u>70</u>	96
3.	Computer Graphics Forum	<u>55</u>	71
4.	Computers & Graphics	<u>30</u>	48
5.	IEEE Computer Graphics and Applications	<u>28</u>	43
6.	The Visual Computer	<u>25</u>	35
7.	Computer Aided Geometric Design	<u>21</u>	36
8.	ACM Symposium on Virtual Reality Software and Technology	<u>20</u>	29
9.	ACM SIGGRAPH/Eurographics Symposium on Computer Animation	<u>19</u>	27
10.	IEEE Pacific Visualization Symposium	<u>19</u>	25
11.	IEEE Symposium on Visual Analytics Science and Technology	<u>19</u>	24
12.	Computer Animation and Virtual Worlds	<u>17</u>	21
13.	Symposium on Interactive 3D Graphics (SI3D)	<u>15</u>	20
14.	International Conference on 3D Web Technology	<u>14</u>	22
15.	Eurographics/IEEE VGTC Conference on Visualization: Short Papers	<u>13</u>	20
16.	Graphical Models	<u>13</u>	18
17.	Graphics Interface Conference	<u>12</u>	16
18.	Visual Informatics	<u>10</u>	17
19.	Computer Graphics International Conference	<u>8</u>	12
20.	International Conference on Computer Graphics Theory and Applications (GRAPP)	<u>8</u>	10

h5-index for this conference: 55

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Aminer rank: 13

Aminer name: Computer Graphics Forum

Acronym / shortname: CGF

h-5 index: 53

CCF level: B

THU level: B

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank947_aminer_top_cite.jpg

Publications

Top Cited	Authors	Affiliations	
			Browse by Citation
1	Metro: measuring error on simplified surfaces		Cited by 1576
	Paolo Cignoni, Claudio Rocchini, Roberto Scopigno		
	(1996)		
2	The Digital Michelangelo Project		Cited by 1349
	Marc A. Levoy		
	(1999)		
3	On Visual Similarity Based 3D Model Retrieval		Cited by 1345
	Ding-yun Chen, Xiao-pei Tian, Yu-te Shen, Ming Ouhyoung		
	(2003)		
4	A concise and provably informative multi-scale signature based on heat diffusion		Cited by 1329
	Jian Sun, Maks Ovsjanikov, Leonidas Guibas		
	(2009)		
5	Adaptive Logarithmic Mapping For Displaying High Contrast Scenes		Cited by 764
	Frédéric Drago, Karol Myszkowski, Thomas Annen, Norishige Chiba		
	(2003)		
6	Intrinsic Parameterizations of Surface Meshes		Cited by 736
	Mathieu Desbrun, Mark Meyer, Pierre Alliez		
	(2002)		
7	The 3D Model Acquisition Pipeline		Cited by 690
	Fausto Bernardini, Holly E. Rushmeier		
	(2002)		
8	Interactive Rendering with Coherent Ray Tracing		Cited by 689
	Ingo Wald, Philipp Slusallek, Carsten Benthin, Markus Wagner		
	(2001)		
9	Real-time Volumetric Deformable Models for Surgery Simulation using Finite Elements and Condensation		Cited by 672
	Morten Bro-nielsen, Stephane Cotin		
	(1996)		
10	Physically based deformable models in computer graphics		Cited by 633
	Andrew Nealen, Matthias Müller, Richard Keiser, Eddy Boxerman, Mark Carlson		
	(2005)		

Other Rankings

Not aware of any other Rankings
Conferences in area:

Top People Publishing Here

name: Hans-Peter Seidel
justification: H-index of Prof. Hans-Peter Seidel is 109. In Google Scholar, he is ranked as TOP 1 professor in three sub-areas of computer graphics: Geometry Processing, Geometry Modeling and Rendering. (
<https://scholar.google.com/citations?hl=en&user=s2Ibok8AAAAJ>)
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	1	0	2	0

Attendance: SOMETIMES

name: Seungyong Lee
justification: Prof. Seungyong Lee is one of the leading computer graphics researchers in Korea and Asia. His H-Index is 40, google citation number is 7000+.
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	2	1	1	1

Attendance: ALWAYS

name: Shi-Min Hu

justification: Prof. Shi-Min Hu is one of the leading computer graphics researchers in China and Asia. He is listed as the top 10 researchers in sub-areas of computer-aided design and image/video processing. He is the director of computational visual media research centre of Tsinghua University (World rank 15) and the VR state lab of China at Beihang university. His H-Index is 57, google citation number is 13800+.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	1	1	1	0

Attendance: ALWAYS

name: Elmar Eisemann

justification: Prof. Eisemann is ranked as one of the top-10 researchers in the important sub area "Rendering" of Computer Graphics in Google Scholar. His H-index is 36.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	0	1	0	1

Attendance: SOMETIMES

name: Ligang Liu

justification: Prof. Ligang Liu is one of the top computer graphics researchers in China. His google scholar citation number is 6500+. His H-Index is 42.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
3	0	1	0	1

Attendance: OFTEN

name: Wenping Wang

justification: Wenping is the leading computer graphics researcher of Hong Kong. His H-index is 48, citation number is over 8000. (https://scholar.google.com/citations?hl=en&user=28shvv0AAAAJ&view_op=list_works&sortby=pubdate)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	1	0	0	1

Attendance: ALWAYS

name: Hujun Bao

justification: Prof. Hujun Bao is a top computer graphics researcher. the director of the State Key Lab of computer graphics and CAD in Zhejiang University. He has published 50+ papers on Tier A* journals in CORE ranking. His citation number in Web of Science is 3542. (https://app.webofknowledge.com/author/record/97833?lang=en_US)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	0	1	3

Attendance: OFTEN

name: Daniel Cohen-Or

justification: He is one of the leading computer graphics scientists in the world. His H-index is 101. He is listed as the top-5 researchers in the category of "Graphics" and "Geometry Modelling" in Google Scholar. (<https://scholar.google.com/citations?hl=en&user=fAxws1sAAAAJ>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	1	1	0

Attendance: OCCASIONALLY

name: Markus Gross

justification: Prof. Markus Gross is the top 1 professor in Geometry Modelling in Google scholar ranking. His citation number is 38000+ and his H-index is 97. (<https://scholar.google.com/citations?user=uxk0GmUAAAAJ&hl=en>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	3	1

Attendance: SOMETIMES

name: Enhua Wu

justification: Enhua Wu is the fellow of Chinese Computer Foundation. He received ACM Service Award in 2019.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	1	3	2

Attendance: ALWAYS

Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank947_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank947_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank947_spc_graph.png

1. Comput. Graph. Forum (cgf)

This journal was published at 338 times by 29 of 34 experts in the last 15 years.

The experts that publish at this journal are: Pieter Peers(7), Marco Tarini(6), Sung-Eui Yoon(11), Taku Komura(9), Miguel A. Otaduy(11), Bernhard Thomaszewski(7), Ruofeng Tong(8), Leif Kobbelt(37), Yun Zhang(1), Enrico Gobbetti(13), Yoshinori Dobashi(12), Taesoo Kwon(4), Enhua Wu(6), Dong-Ming Yan 0001(7), Hendrik P. A. Lensch(14), Alla Sheffer(9), Holger Theisel(31), Marc Stamminger(12), Diego Gutierrez(21), Fabio Pellacini(10), Hong Qin(5), Wenping Wang(13), George Drettakis(15), Hongbo Fu(9), Philipp Slusallek(13), Jue Wang 0001(1), Bedrich Benes(20), Rahul Narain(3), Tobias Ritschel 0001(30)

2. CoRR (corr)

This journal was published at 332 times by 29 of 34 experts in the last 15 years.

The experts that publish at this journal are: Lei Zhang(103), Pieter Peers(3), Yun Zhang(7), Sung-Eui Yoon(14), Taku Komura(5), Hong Qin(8), Bernhard Thomaszewski(1), Ruofeng Tong(4), Leif Kobbelt(5), Jue Wang 0001(2), Taesoo Kwon(3), Enhua Wu(1), Dong-Ming Yan 0001(6), Hendrik P. A. Lensch(14), Marco Tarini(2), Alla Sheffer(4), Marc Stamminger(6), Diego Gutierrez(18), Yongliang Yang(3), Fabio Pellacini(5), George Drettakis(3), Hongbo Fu(18), Jun-Yan Zhu(29), Wenping Wang(27), Tianmiao Wang(1), Bedrich Benes(6), Philipp Slusallek(10), Miguel A. Otaduy(2), Tobias Ritschel 0001(23)

Journal WPP Report: http://portal.core.edu.au/core/media/conf_rank_journal_report/higherrank947_spc_jnl_report.txt

Reference item: \\ 1. Comput. Graph. Forum (cgf)

This journal was published at 338 times by 29 of 34 experts in the last 15 years.

The experts that publish at this journal are: Pieter Peers(7), Marco Tarini(6), Sung-Eui Yoon(11), Taku Komura(9), Miguel A. Otaduy(11), Bernhard Thomaszewski(7), Ruofeng Tong(8), Leif Kobbelt(37), Yun Zhang(1), Enrico Gobbetti(13), Yoshinori Dobashi(12), Taesoo Kwon(4), Enhua Wu(6), Dong-Ming Yan 0001(7), Hendrik P. A. Lensch(14), Alla Sheffer(9), Holger Theisel(31), Marc Stamminger(12), Diego Gutierrez(21), Fabio Pellacini(10), Hong Qin(5), Wenping Wang(13), George Drettakis(15), Hongbo Fu(9), Philipp Slusallek(13), Jue Wang 0001(1), Bedrich Benes(20), Rahul Narain(3), Tobias Ritschel 0001(30)

Top People Report

Method of selection: This list contains the top names with H-index ≥ 65 under the sub-category "Computer Graphics" in Google Scholar.

Keyword: Computer Graphics

name	h-index	gscholar url
Leonidas J. Guibas	126	https://scholar.google.co.nz/citations?user=5JlEyTAAAAAJ&hl=en
Richard Szeliski	122	https://scholar.google.co.nz/citations?user=3_u1jHQAAAAAJ&hl=en
Hans-Peter Seidel	109	https://scholar.google.com/citations?hl=en&user=s2Ibok8AAAAAJ
Pat Hanrahan	90	https://scholar.google.co.nz/citations?user=RzEnQmgAAAAAJ&hl=en
Dinesh Manocha	88	https://scholar.google.co.nz/citations?user=X08l_4IAAAAAAJ&hl=en
Markus H. Gross	97	https://scholar.google.co.nz/citations?user=uxk0GmUAAAAAJ&hl=en
Alexei A. Efros	78	https://scholar.google.co.nz/citations?user=d97bGd8AAAAAJ&hl=en
Michael F. Cohen	93	https://scholar.google.co.nz/citations?user=YAtwLpwAAAAAJ&hl=en
Ming Lin	87	https://scholar.google.co.nz/citations?user=ugFNit4AAAAAJ&hl=en
Thomas A. Funkhouser	78	https://scholar.google.co.nz/citations?user=BghVDhgAAAAAJ&hl=en
Fr��do Durand	88	https://scholar.google.co.nz/citations?user=NJ9c4ygAAAAAJ&hl=en
Demetri Terzopoulos	83	https://scholar.google.co.nz/citations?user=pKuBFaQAAAAAJ&hl=en
Hanspeter Pfister	80	https://scholar.google.co.nz/citations?user=tvBEoaMAAAAAAJ&hl=en
Leif Kobbelt	74	https://scholar.google.co.nz/citations?user=eCsqoJgAAAAAJ&hl=en
Jessica K. Hodgins	75	https://scholar.google.co.nz/citations?user=vsw04rQAAAAAJ&hl=en
Maneesh Agrawala	71	https://scholar.google.co.nz/citations?user=YPzKczYAAAAAJ&hl=en
Dieter Schmalstieg	70	https://scholar.google.co.nz/citations?hl=en&user=xXu8K6IAAAAAAJ
Thomas Ertl	68	https://scholar.google.co.nz/citations?user=qFQ9jHkAAAAAJ&hl=en
Baining Guo	68	https://scholar.google.co.nz/citations?user=h4kYmRYAAAAAJ&hl=en
Takeo Igarashi	66	https://scholar.google.co.nz/citations?user=2LJJtI8AAAAAJ&hl=en

Reference item: \\ 3. Comput. Graph. Forum (cgf)

This journal was published at 292 times by 18 of 20 experts in the last 13 years.

The experts that publish at this journal are: Michael F. Cohen(2), Jessica K. Hodgins(4), Dinesh Manocha(15), Baining Guo(12), Leonidas J. Guibas(29), Ming Lin(1), Markus H. Gross(50), Thomas Ertl(20), Alexei A. Efros(2), Thomas A. Funkhouser(7), Pat Hanrahan(3), Leif Kobbelt(31), Hanspeter Pfister(9), Hans-Peter Seidel(77), Maneesh Agrawala(5), Takeo Igarashi(14), Frdo Durand(8), Dieter Schmalstieg(11) WPP Report:

http://portal.core.edu.au/core/media/conf_rank_report/higherrank947_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank947_top_people_graph.jpg

2. ACM Trans. Graph. (tog)

This journal was published at 495 times by 18 of 20 experts in the last 13 years.

The experts that publish at this journal are: Richard Szeliski(15), Demetri Terzopoulos(9), Jessica K. Hodgins(26), Leonidas J. Guibas(35), Baining Guo(47), Takeo Igarashi(24), Michael F. Cohen(14), Markus H. Gross(65), Thomas A. Funkhouser(18), Alexei A. Efros(11), Pat Hanrahan(24), Leif Kobbelt(18), Hanspeter Pfister(15), Hans-Peter Seidel(63), Dieter Schmalstieg(6), Dinesh Manocha(21), Frdo Durand(77), Maneesh Agrawala(27)

3. Comput. Graph. Forum (cgf)

This journal was published at 292 times by 18 of 20 experts in the last 13 years.

The experts that publish at this journal are: Michael F. Cohen(2), Jessica K. Hodgins(4), Dinesh Manocha(15), Baining Guo(12), Leonidas J. Guibas(29), Ming Lin(1), Markus H. Gross(50), Thomas Ertl(20), Alexei A. Efros(2), Thomas A. Funkhouser(7), Pat Hanrahan(3), Leif Kobbelt(31), Hanspeter Pfister(9), Hans-Peter Seidel(77), Maneesh Agrawala(5), Takeo Igarashi(14), Frdo Durand(8), Dieter Schmalstieg(11)

4. IEEE Trans. Vis. Comput. Graph. (tvcg)

This journal was published at 192 times by 16 of 20 experts in the last 13 years.

The experts that publish at this journal are: Michael F. Cohen(2), Baining Guo(6), Leonidas J. Guibas(1), Takeo Igarashi(3), Leif Kobbelt(4), Markus H. Gross(5), Thomas Ertl(40), Alexei A. Efros(1), Pat Hanrahan(6), Dieter Schmalstieg(27), Hanspeter Pfister(45), Dinesh Manocha(28), Demetri Terzopoulos(3), Hans-Peter Seidel(15), Frdo Durand(1), Maneesh Agrawala(10)

Other Information

Comparator Comparison

Comparator

ACM Virtual Reality Software and Technology

Explanation as to why conference is superior to comparator:

VRST is the core A conference in Virtual Reality. Based on the Google metrics and WPP report, we feel PG could be in the higher rank compared with VRST.

All the full papers of Pacific Graphics (PG) are published as a special issue of Computer Graphics Forum (CGF, journal), of which the H5 index is 55 whereas H5 of VRST is 20 in Google Scholar. In the ranking for the venues of Computer Graphics sub-category in Google Scholar, CGF is ranked 3rd whereas VRST is ranked 8th.

In WPP journal report for the selected top people (H-index \geq 65) in Computer Graphics, CGF is ranked as the 3rd most preferred venue for top people, and ACM TOG (Tier-A*) is 2nd and IEEE TVCG (Tier A) is 4th. In the WPP conference report, the short papers and posters of PG are ranked as 16th whereas VRST is ranked as 20th.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_947_702.pdf

Comparator

IEEE Conference on Virtual Reality and 3D User Interfaces

Explanation as to why conference is superior to comparator:

IEEE VR is regarded as the top Virtual Reality Conference, ranked as Tier A. A few selected papers are published on IEEE TVCG (journal). From 2017, IEEE VR runs in a separate journal and conference tracks and all accepted papers of the journal track have been published to IEEE TVCG, and the accepted conference papers have been published to the conference proceeding similar to the PG.

Accepted journal track papers are published to IEEE TVCG with an H5 index of 70, their conference paper are published to the proceeding with an H5 index of 28.

Based on the separate journal and conference publication scheme as well as overall metric, IEEE VR is similar to PG.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_947_721.pdf

Other Relvant Info

Other relevant information: *More explanation for the selection of comparators:

-In the research field of "Graphics, augmented reality and games (4607)" in CORE conference ranking, PG is the only Computer Graphics conference in Tier A along with two Virtual Reality Conferences in Tier A such as ACM VRST and IEEE VR. Therefore, we selected to compare PG with those two same tier conference in similar but different area. The only Tier A* Computer Graphics conference is ACM SIGGRAPH. We consider that it is reasonable to make PG as the only Tier A rank conference of Computer Graphics.

*Explanation on why we use the CGF metrics for PG papers in WPP report and Google Metric:

-All the full papers of PG are published as a special issue of CGF. Only the short papers and posters of PG are published as an individual proceedings on EuroGraphics Library. In WPP, the publishing data for PG is reflecting how many times the experts are publishing short papers and posters in PG. In Google Scholar, all the accepted full papers of PG are recorded as published in an special issue of CGF, and therefore there is no separate metric for Pacific Graphics. This is common in Computer Graphics as similar as the CORE Tier A* conference in this area, ACM SIGGRAPH. In Google Scholar, all accepted SIGGRAPH papers are listed as ACM Transactions on Graphics, since all accepted full papers of SIGGRAPH are also published as an special issue of ACM TOG.

*About WPP reports:

-We submitted the WPP journal report because all full papers of PG are counted as papers of CGF. As a complementary, we also attached the conference publication of the top people (H-index \geq 65) here. Please note that posters and short papers of Pacific Graphics (PG) are ranked as 16th, whereas the VR conference papers are 14th and ACM VAST (full proceedings) are 20th. Similar to PG full papers, ACM SIGGRAPH and VR journal papers are neither included in this list because they are all counted in other journals. All WPP reports for PG, VRST and IEEE VR are generated based on the publication since 2005.

Attachments

http://portal.core.edu.au/core/media/request_attachment/CORE_Ranking_top_people.txt

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